



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### SGK (Human) Recombinant Protein (P01)

**Catalog Number:** H00006446-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human SGK full-length ORF (AAH01263.1, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTVKTEAAKGLTYSRMRGMVAILIAFMKQRRMGLND  
FIQKIANNYSACKHPEVQSILKISQPQEPELMNANPSPP  
PSPSQQINLGPSSNPHAKPSDFHFLKLVIGKGSFGKVL  
ARHKAEEVFYAVKVLQKKAILKKKEEKHIMSERNVLLK  
NVKHPFLVGLHFSFQTADKLYFVLDYINGGELFYHLQR  
ERCFLEPRARFYAAEIASALGYLHSLNIVYRDLKPENIL  
LDSQGHIVLTDGFLCKENIEHNSTTSTFCGTPEYLAPE  
VLHKQPYDRTVDWWCLGAVLYEMLYGLPPFYSRNTA  
EMYDNILNKPLQLKPNITNSARHLLLEGLLQKDRTKRLG  
AKDDFMEIKSHVFFSLINWDDLKINKITPPFNPVSGPN  
DLRHFDPFTEEPVNSIGKSPDSVLVTASVKEAAEAF  
LGFSYAPPTDSFL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 73.04

**Interspecies Antigen Sequence:** Mouse (97); Rat (97)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6446

**Gene Symbol:** SGK1

**Gene Alias:** SGK

**Gene Summary:** This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]